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Sequence Listing was accepted.

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Reviewer: markspencer

Timestamp: Mon Jul 23 15:28:13 EDT 2007

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Application No: 10531475 Version No: 1.0

**Input Set:**

**Output Set:**

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**Finished:** 2007-07-23 11:53:18.911  
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**No. of SeqIDs Defined:** 2776  
**Actual SeqID Count:** 2776

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**Input Set:**

**Output Set:**

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**Finished:** 2007-07-23 11:53:18.911  
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**No. of SeqIDs Defined:** 2776  
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Error code	Error Description
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<141> 2007-07-23

<150> 10/531,475

<151> 2005-04-15

<150> PCT/EP2003/011658

<151> 2003-10-20

<150> EP 02079408.7

<151> 2002-10-18

<160> 2776

<170> PatentIn version 3.1

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<211> 1768

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<400> 1

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<212> PRT

<213> Arabidopsis thaliana

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Ser Phe Tyr Phe Gln Ser His Val Arg Lys Gln Gly Tyr Ile Gln Leu  
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Gly Tyr Phe Ser Gly Pro Trp Ile Ile Arg Ile Thr Phe Ile Leu Phe  
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Ala Ile Trp Trp Ala Val Gly Glu Ile Phe Arg Leu Ser Leu Leu Arg  
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Arg His Arg Arg Leu Leu Ser Gly Leu Asp Leu Arg Trp Gln Glu Asn  
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Val Cys Lys Trp Tyr Ile Val Ser Asn Leu Gly Phe Ala Glu Pro Cys  
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Leu Phe Leu Thr Leu Met Phe Leu Leu Arg Ala Pro Leu Lys Met Glu  
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Ser Gly Ala Leu Ser Gly Lys Trp Asn Arg Asp Thr Ala Gly Tyr Ile  
130 135 140

Ile Leu Tyr Cys Leu Pro Met Leu Ala Leu Gln Leu Ala Val Val Leu  
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Ser Glu Ser Arg Leu Asn Gly Gly Ser Gly Ser Tyr Val Lys Leu Pro  
165 170 175

His Asp Phe Thr Arg Thr Tyr Ser Arg Val Ile Ile Asp His Asp Glu  
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Val Ala Leu Cys Thr Tyr Pro Leu Leu Ser Thr Ile Leu Leu Gly Val  
195 200 205

Phe Ala Ala Val Leu Thr Ala Tyr Leu Phe Trp Leu Gly Arg Gln Ile  
210 215 220

Leu Lys Leu Val Ile Asn Lys Arg Leu Gln Lys Arg Val Tyr Thr Leu  
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Ile Phe Ser Val Ser Ser Phe Leu Pro Leu Arg Ile Val Met Leu Cys  
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Leu Ser Val Leu Thr Ala Ala Asp Lys Ile Ile Phe Glu Ala Leu Ser  
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Phe Leu Ala Phe Leu Ser Leu Phe Cys Phe Cys Val Val Ser Ile Cys  
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Leu Leu Val Tyr Phe Pro Val Ser Asp Ser Met Ala Leu Arg Gly Leu  
290 295 300

Arg Asp Thr Asp Asp Glu Asp Thr Ala Val Thr Glu Glu Arg Ser Gly  
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Ala Leu Leu Ala Pro Asn Ser Ser Gln Thr Asp Glu Gly Leu Ser  
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<212> DNA

<213> Arabidopsis thaliana

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ctttatctcc atgccagctt ccagacaatc ctttctctg agaagatgtat cgatcttc 420  
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gaatatgtta tacaaaaagt ttattatTT tgTTgggta aatTTaaagat ttAAaggtaa 540  
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<212> PRT

<213> Arabidopsis thaliana

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20 25 30

Arg Ser Glu Thr Ser Met Ala Pro Thr Pro Arg Arg Gly Arg Ile Lys  
35 40 45

Lys Met Ile Ala Gly Asp Leu Val Gly Ser Gly Lys Gln Asn Asn Tyr  
50 55 60

Asp Gly Asp Gly Lys Arg Gly Gly  
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<211> 1176

<212> DNA

<213> Oryza sativa

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<211> 239

<212> PRT

<213> Oryza sativa

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Gly Glu Gly Cys Trp Arg Ser Leu Pro Lys Ala Ala Gly Leu Leu Arg  
35 40 45

Cys Gly Lys Ser Cys Arg Leu Arg Trp Met Asn Tyr Leu Arg Pro Asp  
50 55 60

Leu Lys Arg Gly Asn Phe Thr Asp Asp Glu Asp Glu Leu Ile Ile Arg  
65 70 75 80

Leu His Ser Leu Leu Gly Asn Lys Trp Ser Leu Ile Ala Gly Gln Leu  
85 90 95

Pro Gly Arg Thr Asp Asn Glu Ile Lys Asn Tyr Trp Asn Thr His Ile  
100 105 110

Lys Arg Lys Leu Leu Ala Arg Gly Ile Asp Pro Gln Thr His Arg Pro  
115 120 125

Leu Leu Ser Gly Gly Asp Gly Ile Ala Ala Ser Asn Lys Arg His His  
130 135 140

Arg Arg Arg Ile Pro Tyr Pro Ser Arg Arg Arg Arg Pro Arg Arg  
145 150 155 160

Ser Ser Pro Cys Glu Ala Ala Ala Ala Ala Pro Gly Arg Leu Leu  
165 170 175

Gly Arg Arg Leu Pro Gln Gln Gln Arg His Asn Glu His Gly Gly Ala  
180 185 190

Ala Val Pro Arg Pro Gln Pro Arg Ala Leu Gly Arg Ala Asp Ala Glu  
195 200 205

Leu Ala Ala Gly Gly Asp Ala His Gln Arg Ala Ala Gly Leu Pro Leu  
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Leu Pro Pro Arg Leu Pro Arg Arg Gly Gly Val Gln Leu Ser Gly  
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<210> 7

<211> 1264

<212> DNA

<213> Oryza sativa

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<212> PRT

<213> Oryza sativa

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Val Val His Tyr Leu Cys Arg Lys Val Ala Arg Gln Pro Leu Pro Val  
35 40 45

Pro Ile Ile Ala Glu Val Asp Leu Tyr Lys Leu Asp Pro Trp Asp Leu  
50 55 60

Pro Glu Lys Ala Leu Phe Gly Arg Lys Glu Trp Tyr Phe Phe Thr Pro  
65 70 75 80

Arg Asp Arg Lys Tyr Pro Asn Gly Ser Arg Pro Asn Arg Ala Ala Gly  
85 90 95

Arg Gly Tyr Trp Lys Ala Thr Gly Ala Asp Lys Pro Val Ala Pro Lys  
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Gly Ser Ala Arg Thr Val Gly Ile Lys Lys Ala Leu Val Phe Tyr Ser  
115 120 125

Gly Lys Ala Pro Arg Gly Val Lys Thr Asp Trp Ile Met His Glu Tyr  
130 135 140

Arg Leu Ala Asp Ala Asp Arg Ala Pro Gly Gly Lys Lys Gly Ser Gln  
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Lys Leu Asp Glu Trp Val Leu Cys Arg Leu Tyr Asn Lys Lys Asn Asn  
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Trp Glu Lys Val Lys Leu Glu Gln Gln Asp Val Ala Ser Val Ala Ala  
180 185 190

Ala Ala Pro Arg Asn His His Gln Asn Gly Glu Val Met Asp Ala  
195 200 205

Ala Ala Ala Asp Thr Met Ser Asp Ser Phe Gln Thr His Asp Ser Asp  
210 215 220

Ile Asp Asn Ala Ser Ala Gly Leu Arg His Gly Gly Cys Gly Gly  
225 230 235 240

Gly Phe Gly Asp Val Ala Pro Pro Arg Asn Gly Phe Val Thr Val Lys  
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Glu Asp Asn Asp Trp Phe Thr Gly Leu Asn Phe Asp Glu Leu Gln Pro  
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Pro Tyr Met Met Asn Leu Gln His Met Gln Met Gln Met Val Asn Pro  
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<212> DNA

<213> Oryza sativa

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<213> Oryza sativa

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Gln Thr Lys Leu Glu Pro Arg Gln Lys Leu Gln Leu Ala Arg Glu Leu		
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